Computer Architecture Sheet (2)

[17-a]

Move (RB)+, R,

ADD (RB)+, R,

Move R,,-(RB)

17.67 MOV U(RB), R3 -> 69te 516 MOV 16 (RS), R3 -> word 81Ze

17.07 ADD #10, RS

D

13.29 7

Program 1

CLR.L D

MOVEAL #ListiA.

LOOP MOVEEN (AD)+1 D, LOOP LSL.W (AD)+

BGE LOOP

ADDAL #1,00 LSL.W #1,00

CMPI #17, Do BCS LOOP

Move-w - 2(A), RSLT

Program 2

MOVE, W #\$ FFFF 12

MOVEAL # List, Ao

rscc Loop

BLT LOOP MOVE.W -2(A.), RSLT

_ BCS; branch carry set.

. Hey both leaves the 17th negative word in -the Result (RSLT)

BGE: Branch Greather-than or equal

BLT: N less Han

BCC: Branch cours dear

asingle Accumulator Processor, means we have asingle Register Called Accumulator.